

OBSERVATIONS ON SOME AUSTRALIAN FOREST INSECTS.

9. A NEW SPECIES OF GLYCASPIS (GLYCASPIS), (HOMOPTERA: PSYLLIDAE).

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(One Text-figure.)

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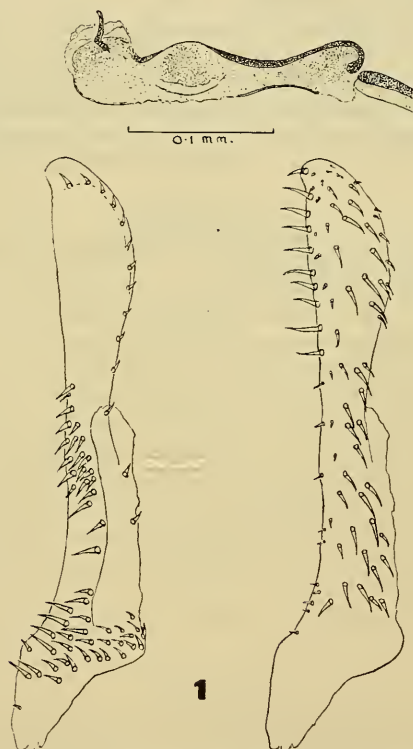
Thirty-eight species of *Glycaspis* (*Glycaspis*) and *Glycaspis* (*Alloglycaspis*) were previously described (Moore, 1961).

The host-association of the species described in this paper supports the remarks made concerning the *Eucalyptus* spp., and agrees with the placement of species constructing flat lerps in the subgenus *Glycaspis* (*Glycaspis*) in the earlier paper.

GLYCASPIS (GLYCASPIS) NUNDLENSIS, sp. nov.

(The name refers to the type locality of this species, Nundle State Forest).

General colour: (specimens preserved in alcohol) Yellow, with abdomen sometimes orange; black markings of pale to moderate intensity.



Male: Head: width 0.63 mm.; vertex, along suture, 0.22 mm., width 0.39 mm.; pale yellow with lateral borders pale grey narrowly from anterior prominences along anterior edge of ocelli and connecting with black areas on posterior of head; suture black; foveae small, pale grey; vertex deeply indented between suture and grey lines on lateral borders; genal processes, 0.29 mm. in length, cream suffused grey across

centres dorsally and with inner edges darker; antennae 1.41 mm. in length, dark brown to black, darkening distally, with segments 6 to 10 black. Pronotum: width 0.54 mm., lateral prominences cream, bordered black at bases posteriorly; anterior border narrowly grey; a small grey-brown depression between median line and each lateral border. Prescutum: pale yellow, narrowly edged black and with apical area black. Scutum: pale yellow, narrowly edged black on posterior border; two longitudinal lines pale grey, each side of median area. Metanotum: scutellum and meta-scutellum cream, the former indistinctly edged grey anteriorly and the latter posteriorly; a broad area each side lateral to the area between scutellum and meta-scutellum, grey lightly suffused rose-pink. Post-metanotum: yellow, narrowly edged pale grey, and a longitudinal stripe at centre of each side, dark grey to black. Abdomen: yellow with indistinct grey line on anterior and posterior border of segment 1 each side; a narrow black transverse central line on segments 2 to 6 with narrow grey area posterior to each on segments 2 and 3, and both anterior and posterior to each on segments 4 to 6. Genitalia: upper plate yellow, with black at base extending along medio-dorsal area to about half; distal projection tipped grey; claspers suffused pale grey, darker distally. Claspers and aedeagus as in Text-figure 1. Length of aedeagus (2 specimens) each 0.214 mm. Forewings: length 2.78 mm., venation pale brown. Legs: femora, tibiae and tarsi suffused grey, with posterior legs palest.

Female: Similar to male, but genal processes and lines on scutum darker; the antennae and dark marks on abdomen are paler. Ventral aspect, cream with a small black distal line each side of ovipositor.

Host-plant: *Eucalyptus radiata subplatyphylla* Blakely and McKie (almond-leaved peppermint).

Type Locality: Nundle S.F., five miles east of Foreman's house.

Types: Holotype ♂ on slide labelled "Nundle S.F. 20 xii 1960 K. M. Moore. *E. radiata subplatyphylla*". Paratypes: 1 ♂, 1 ♀, nymphs, on slide, and 1 ♀ and nymphs on slide, both labelled as above. Type material is deposited with The Australian Museum, Sydney.

Acknowledgement.

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Reference.

MOORE, K. M., 1961.—PROC. LINN. SOC. N.S.W., 86 (1): 128-167.